Title (en)

POLYORGANOSILOXANE LATEX AND GRAFT COPOLYMER, THERMOPLASTIC RESIN COMPOSITION AND MOLDED BODY USING SAME

Title (de)

POLYORGANOSILOXANLATEX UND PFROPFCOPOLYMER, THERMOPLASTISCHE HARZZUSAMMENSETZUNG UND FORMKÖRPER DAMIT

Title (fr)

LATEX DE POLYORGANOSILOXANE ET COPOLYMÈRE GREFFÉ, COMPOSITION DE RÉSINE THERMOPLASTIQUE ET CORPS MOULÉ L'UTILISANT

Publication

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Application

EP 12744276 A 20120209

Priority

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Abstract (en)

A variety of molded bodies having high weatherability, impact resistance, designability, and the like, and a polyorganosiloxane latex and a graft copolymer used as the raw material therefor are provided. A polyorganosiloxane latex having a mass average particle diameter (Dw) of a polyorganosiloxane particle of 100 to 200 nm, and a ratio of the mass average particle diameter (Dw) to a number average particle diameter (Dn) (Dw/Dn) of 1.0 to 1.7. A polyorganosiloxane-containing vinyl-based copolymer (g) obtained by polymerizing one or more vinyl-based monomers in the presence of the latex. A graft copolymer (G) obtained by graft polymerizing one or more vinyl-based monomers in the presence of the copolymer. A thermoplastic resin composition including the graft copolymer (Ga) and a thermoplastic resin (Ha) except for the graft copolymer (Ga). A molded body obtained by molding the resin composition. A lamp housing for vehicle lighting including the molded body obtained by molding the composition.

IPC 8 full level

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CPC (source: CN EP KR US)

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EP2915828A4; EP3085715A1; EP3699213A1; KR20200103536A; US9527997B2; US9803082B2

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